

# AMAZING CINEMA

Number 2

June \$2.50



SPECIAL  
BEHIND THE  
SCENES  
PREVIEW...

# FIEND

Ben Lefler  
as the Fiend

# EDITORIAL

Welcome to the second issue of AMAZING CINEMA. As we go into our fourth issue (#3 is ready for press, and #4 is being designed as I write this), it's becoming very apparent to all of us that we're going to have to expand the magazine as soon as it's economically feasible. By "expand" I mean *number of pages*. The reason is simple: there is so much material on hand, or being developed, that a 12-page magazine just will not suffice in the coming months! Even with 12 issues a year (that's 184 pages annually), we're going to be "cramped" for space for all the fantastic articles coming up. So keep in mind that we will do everything in our power to constantly enlarge and improve the magazine—and at no extra cost to you (which is a pretty good pitch for you to subscribe, if you haven't already! A coupon can be found elsewhere in this issue).

A bit of an apology is due here: in issue #1, we said we would be running *Reader Perspective* this time. However, we didn't stop to consider that this issue would be into typesetting and on the presses before you even received issue #1; so obviously, there was no time to receive your letters. We certainly hope to begin *Reader Perspective* in issue #3, and we hope you'll take the opportunity to "sound off" on any film/special effects topic you wish. Good, bad, or indifferent, it's your chance to "let off steam."

Speaking of your participation, we would like to ask you to be a part of our *Reader Survey* on page 31. It will cost you an 18¢ stamp, but it's vital for us to receive your input. You've seen these sorts of surveys before, but honestly, they do help us get an idea of the types of stories and articles you'd like to see. We urge you to take part in the survey, and we thank you!

As you know by now, our cover story this time is about our newest feature film, *Fiend*. Some of you may be wondering why I didn't do the reporting on my own film, as I have done in the past. Well, there are several reasons (time is one of them), but the most important is that Bill George, the author of the *Fiend* story, is a definite "blood & guts" fan, and *Fiend* is not a blood & guts movie. Yet, Bill saw the qualities that we tried to achieve in the film, and he has been informed that many ho-hum "bloodbaths" have not only been released lately, but grossed millions of dollars—while *Fiend* struggles to make a dent. I could easily have written a wonderful, sugar-coated account of the film, but I felt that Bill's viewpoint would be a lot more objective. I think it is, and it raises a question that I would like to hear some reactions to: would you rather pay \$4.00 to see a plotless, blood & guts romp, or a fantasy-horror with well-defined characters and storyline?

Your answers could possibly determine the fate of *Fiend*...

—Don Dohler





News of films in production or recently completed. Whether you're an amateur, independent, or professional studio, we'd like to list your current science fiction, horror, and fantasy productions on these pages! Please send all pertinent details—cast, producer, director, effects personnel, title, plotline—as well as publicity photos, too.

#### AMAZING CINEMA

Production Slate  
13 Moran Court  
Baltimore, MD 21236

## Beauty and The Nightbeast

Cinema Enterprises is in the midst of an extensive search for talent for *Nightbeast*, an effects-filled science-fiction feature to be filmed this summer.

So far, two roles have been filled for some of the Nightbeast staff (seen below, left) and one of the featured female roles, to be played by pretty Eleanor Herman (below, right).

More details on *Nightbeast* will be told over the next few months.



## Pang

"Pang (seen below) is a pre-production painting" is the original concept of Carl Padina. Carl is writing *Pang* in a short comedy, which will be the pilot for a feature.



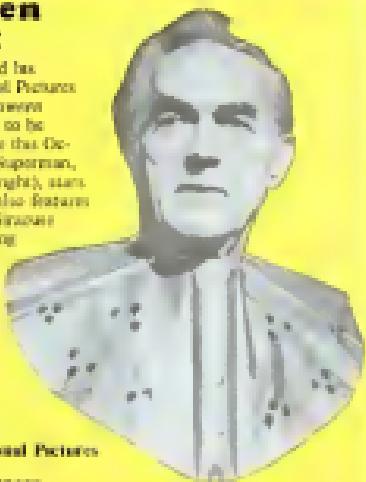
## Halloween Planet

For Olan Ray and his Firebird International Pictures are completing *Halloween Planet*, a TV special to be shown at gobblin' time this October. The original Superman, Kirk Alyn (seen at right), stars in the show, which also features Jay Cagney and John Saxon. Rod Clegg is directing.

*Halloween planet* features many special visual effects, including sequences by Alan Mazer, Robert Detable, and Ricardo Gonzalez.

For more info:

Firebird International Pictures  
P.O. Box 13458  
Orlando, Florida 32859



## Evolution: Complete

A prong scientist, experimenting with the theory of evolution, discovers a serum that, if injected into the bloodstream, will accelerate the whole evolutionary cycle. Using himself as a subject, the scientist begins the experiment, only to find that the metamorphosis is reversible.

Special makeup and effects are being handled by Justice Burke, who is pictured at right in one of his own make-ups, which depicts one of the final stages of the regressing evolution process.

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Acton, MA 01720





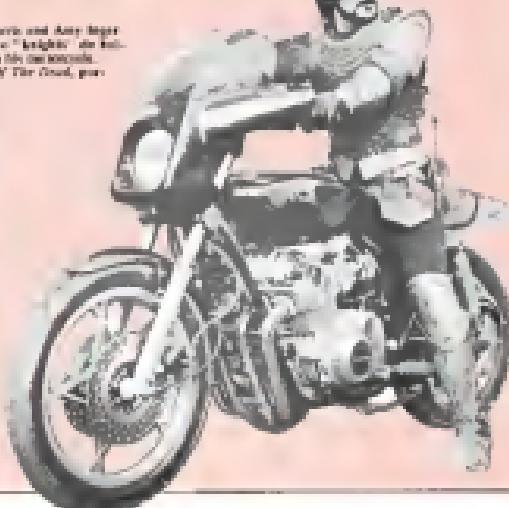
# Knightriders

*Knightriders* is the newest film entry from George A. Romero, the famed independent director of *Night Of The Living Dead* and its contemporary sequel, *Dawn Of The Dead* (which, to date, has grossed 35 million worldwide). Romero also directed two "sequels" in the '70s: *The Crazies* and *Marty*, which both enjoyed critical acclaim, if not boxoffice success.

*Knightriders* is not exactly a fantasy film, but it is about a troupe of people who enjoy a fantasy-like existence. As members of a traveling Renaissance Fair, they trek from town to town—much like a carnival—and perform their big event: a full Medieval jousting tournament, with the combatants in suits of armor, wailing lances, battle-axes, maces, and broadswords. The departure from the Medieval spectacle is intriguing—the troupe rides motorcycles, not horses.

Ed Harris, Gary Oldman, Tom Savini, Amy Irving, and Patricia Tallman star in the film, which is now being readied for release. Richard P. Rubinstein produced, and Michael Gornick handled the photography (as he did in *Dawn Of The Dead*). *Knightriders* is being released by Richard C. Haas' Raindance's United Film Distribution Company, the distributor who had the guts and foresight to release *Dawn Of The Dead* uncut and unedited.

Scenes from *Knightriders*. Below: George Romero (left) with Ed Harris and Amy Irving. Top, right, top: Michael Gornick gets a hand-held shot while two "knights" are held in flight. Middle: An audience member in a knight's costume looks like the knight. Right: Tom Savini, who was up against Romero's *Dawn Of The Dead*, plays King Arthur. See Mark Clavin



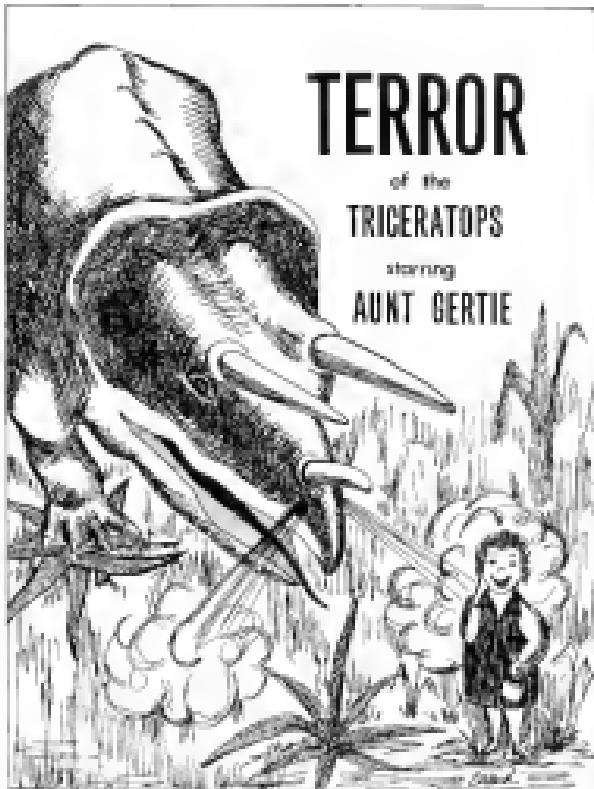
# THE TRICERATOPS VS AUNT GERTIE

The terrific dinosaur effects lose to Aunt Gertie's unrealistic acting...

## A Guide To Better Acting For Novice Performers

Article by Don Leffert

Art by Connie Ward



## TERROR of the TRICERATOPS starring AUNT GERTIE

Aspiring filmmakers study the art of acting, special effects, and photography with a dedication that borders on obsession. These same young hopefuls spend countless hours in makeshift studios above and basements painstakingly shooting their amateur efforts from carefully constructed storyboards. They devour literature on the subject of moviemaking and study professional film, just as serious biology students study one-celled creatures under microscopes. In short, amateur filmmakers are an amazingly dedicated breed of artist.

Although many of these talented amateurs move on to the greener pastures of a professional career in the industry as editors, special effects technicians, and directors, most of them confine their products to the backyard (as opposed to the bucklot) and the basement (as opposed to the studio storage locker). Willing to deal with seemingly insurmountable problems during their shooting schedules, these craftsmen manage to create films ranging from crude, but interesting, to superb efforts to truly imaginative masterpieces that serve as showcases for the filmmaker's professional potential. At its best, however, an amateur film will look like...well, an amateur film.

Despite the obvious problem of budget limitations, what is it that makes the amateur movie less satisfying (artistically) than those polished products emerging from the studios of New York and Hollywood? It is, quite simply, the bad acting that tends to dominate even the best amateur movies. While most amateur moviemakers spare no expense (and are usually willing to lose many hours of sleep in creating laser beam effects or constructing bell-and-socket miniatures for their films), they shun nothing of逞能. Aunt Gertie, over on a workday evening for a hurried 30 minutes of shooting, Aunt Gertie, you see, is the family actress. She tells the best

jokes at parties, sings a mean Audit Long Song when she's had a few, and recites Robert Frost poetry fluently. What more could a young director hope for?

Imagine that the filmmaker is choosing a protagonist called *Terror of the Triceratops*. He has recruited Aunt Gertrude to play Shasta, the aging queen of the Nahraka Tribe. The director probably goes something like this:

*Director: Just remember to look in this direction, Aunt Gertrude. You're supposed to be looking at a big dinosaur. Look scared. You're supposed to be really frightened.*

*Gertrude: Like that?*

*Director: That's pretty good, but try to keep that face really scaring. You're supposed to be really frightened.*

Months later, the director invites some close friends over to be the first to screen his new step motion picture, *Terror of the Triceratops*. As the credits begin to roll, the audience sees and hears in the star bursts that precede the names of the actors. The colors in the film stock are vivid, and the photography is sharp and well-composed. The audience is impressed. Enter an incredibly realistic Triceratops. The ugly brute is marching on the leg of some innocent creature. The stop-motion animation, which includes very fluid breathing effects, is excellent. The audience is captivated. Enter Aunt Gertrude wearing an antediluvian toga and a very wide grin. Quick shot of the Triceratops charging, smoke steaming from its flared nostrils. Cut to Aunt Gertrude, with an even wider grin. Triceratops charges Gertrude. Gertrude grins CHARGE! There is a loud noise which is followed by grey smoke. As the smoke clears, Aunt Gertrude runs around a boulder and shares the remaining meat from her kill with the rest of the Nahraka tribe. While the end credits roll, the director turns carefully to the various commentaries that are beginning to fill the room.

*Shasta: Good effects, but that woman was terrible. She looked like she was reading at the camera.*

*Bill: I think it added a lot to the film. It was supposed to be a comedy. Wasn't it?*

*Shasta: No. It was supposed to be serious. Problem was, she looked like she was reading an *encyclopedia*.*

across a dinner room table. The audience was supposed to be impressed at mortal combat with a two-ton armored sheep.

The director in this case probably finds it difficult to believe that his friends are discounting his brilliant stop-motion effects in favor of discounting Aunt Gertrude's potential as an actress. Sometimes bad acting always has the bizarre ability to capture an audience's attention and distance from a film's merits. In the case of *Terror of the Triceratops*, bad acting proved fatal.

The above model is descriptive of a situation that many amateur filmmakers share. It is not uncommon for the inexperienced director to channel 99% of his energy into the technical aspects of his production. As a result, very little attention is paid to the quality of acting in the process.

Here, then, can an amateur who is working with a minimal budget avoid this common pitfall? Assuming that the actors available for such work are of an amateur status, how can the director obtain good performances from his cast?

Step one (and perhaps the most important step) is casting. Prior to casting his film, the director should think about each of the characters to

*Barbara Ford was perfectly cast as Shasta.*



his screenplay. He should then determine which qualities best define each of these characters. For instance, Miss Solis of *Star Wars* is defined by her optimism and her ability to remain cool under stressful conditions. George Lucas found an actress (Jill Eikenberry) capable of projecting these qualities on the screen. During tryouts, the director must know what qualities he's looking for in the actors and screen them in his audition.

An invaluable source for locating talented actors who will work free is the local college or university. If the filmmaker is lucky enough to live near one or more of these institutions, he should type a letter explaining his project. He should then post his letter, which should include his phone number and his mailing address, on the theatre department's bulletin board. Any actors or actresses who are interested in auditions should be instructed to contact the director. Many theatre arts students are willing to tackle such assignments merely to gain experience. Local high schools can also serve as a good training ground for talent. In this case, the director should contact the drama teacher, who will probably be more than willing to assist him by recommending students.

Both methods of recruitment, however, can lead to problem #1: for instance, if a film has a cast of 11 high school students, teenagers will be playing all the roles. This type of casting will immediately give the film an amateur quality. When seventeen-year-old performers are cast as parents (of other seventeen-year-old performers), policemen, road-scouts, marshy captains, sheriffs, superheros, war-weeders, vampires, etc., the filmmaker is creating an unrealistic world that will strike the viewer as false. When is the last time an adult community of professionals consisted solely of people below the age of twenty? Consequently, it is essential that the director cast his college and high school actors in roles that correspond to their own age group.

Let's assume that our director is working on his latest horror film, *The Witch's Secret*. He has a cast of eight. Five male roles and four female roles. Since six of the roles require young performers, he has

cast them through his former high school. There are three important roles left: the witch (an ugly creature who serves as the villain of the picture); Doctor Johnson (a forty-three-year-old professional who battles the witch in a classic confrontation between good and evil); and Dolores Johnson (an attractive woman in her late thirties, assistant to her husband). The role of the witch could be handled by a competent college performer who is adept at playing character roles under heavy make-up. Since the actress playing the role will be required to alter her voice and appearance drastically, her actual age will not be apparent to the viewer; consequently, a young performer could be used here.

This leaves the director with major problems. Where can he find two older performers who (a) can devote time to rehearsals and shooting schedules (b) are physically suited to the roles (c) can act? Not an easy task. The easiest and most common solution to this problem is to cast a friend or relative in such roles. This should be avoided unless the friend or relative has an acting background. Inexperienced performers rarely turn in believable performances. That is not to say, however, that there won't be situations in which a person with no background in performing is just perfect for a specific role. If this is the case, the director may choose to gamble on a rookie.

A better alternative, however, is to locate the management from amateur theatre groups. Most communities have local drama clubs that produce plays. The actors in such companies usually hold full-time jobs in other fields and enjoy acting recreationally on weekends. At the cost of many college theatre majors, most of these performers would welcome the opportunity to gain more experience by acting in a film. If the director is fortunate enough to locate an actor from such a group, he must remember to work around the actor's schedule, or, as is often the case, the actor will abandon the project because of the demands made on his time.

If the director is confident that he has cast his film well, he is ready to begin step two, the rehearsal process. Prior to rehearsing scenes with



Above: Although he appears comfortable with his prop gun, Greg Becker would not be cast as a 14-year-old military captain.

individual actors and actresses, it is best to assemble the entire cast for a script read-through. This will enable the performers to get a sense of the overall production and to see how their scenes contribute to the film as a whole. Directors who characterize this step, and assure that each cast member will read the entire shooting script carefully, are mistaken.

If time allows, the director should rehearse individual scenes a few days before shooting actual takes. Due to the budget limitations, most amateur filmmakers shoot on a ratio (the average number of times a scene is shot before the director obtains an acceptable take) of 1-to-4 or 1-to-1. This leaves little or no room for error once the cameras start rolling. Scenes that haven't been rehearsed days in advance of the shooting schedule deny the actor the opportunity to consider ways in which his scenes could be improved. Rehearsing scenes in advance gives the director time to deal with potential problems before shooting begins.

Props, for instance, can be very troublesome. Visualize a scene in which an actor is required to handle a futuristic weapon, an intricately designed control panel, and a 21st Century communications device. It is essential that such scenes are rehearsed *first*! The actor is comfortable handling each of the various props. The actor must convince his audience that he is completely

familiar with the objects that surround him. An actor who fumbles with his prop is equivalent to the dancer who looks at his feet.

The most difficult task that faces the director is in eliciting credible performances from an inexperienced cast. How, for instance, should a director explain to an actor who is acting over the top (hamming it up) that he should tone down his performance? On the other hand, how does a director draw an emotional scene from a wooden (slightly unemotional) performer? A description of various acting types and problems may be helpful.

#### Walter Wooden

This guy has turned up in quite a few amateur films. He's easy to spot. His stiff, unnatural style of walking coupled with his unmoving, expressionless face leads the viewer to believe he took acting lessons from Mount Rushmore, while his clipped, monotonous speech patterns earned one of Robby the Robot gone crazy. In short, he is *wooden* to a ludicrous degree.

Such wooden performances are usually a manifestation of nerves. The performer isn't accustomed to being the center of attention; as a result, he doesn't know how to behave when all eyes (and especially the eye of the camera) are on him.

Although this kind of performance is common among amateurs, there are methods by which a direc-

ter can draw a good performance from this type of actor.

Impressions — a method used by many professionals — should prove helpful. If, for instance, a "Walter Woodsy" is required to play a scene in which he discovers that his closest friend has been brutally murdered by a psychotic murderer, he will probably complain to his director that he can't relate to such an implausible situation, and if the actor doesn't believe in the situation, he will never convince his audience. The director, in this case, should arrange for the actor to improvise a scene requiring him to project the same emotion (extreme grief) in a different situation. He could, for instance, improvise a scene in which he receives a telegram informing him that a loved one has died, thus allowing the actor to deal with the imagined emotion in a situation with which he can relate.

Following the improv, the director should discuss the emotion with his actor. Was there a physical sensation accompanying the grief, a tightness in the pit of the stomach or the throat? What were his thoughts when he realized the death had occurred? Was he angry? Numb? In doing this, the director helps his actor connect with the emotion in the original description scene.

Since most of Walter Woodsy's acting problems are a manifestation of bad nerves, he would benefit from a series of relaxation exercises. Performers who utilize such exercises (nearly found in any acting textbook) to isolate tensions in their bodies and, as a result, appear relaxed before the camera.

### Harry Hambasey

The guy inhabits the world of B movies as well as many amateur films. He's the guy who whispers a bit too loudly during an emotional scene or rolls his eyes a little too widely to indicate madness. Harry's problem is his tendency to blow the average emotion out of proportion. The result is overacting.

Stage performers are required to project their facial expressions, gestures, and voices to the last row of the theatre in which they perform. As the movie camera is unfortunately close to its subject, performances delivered by stage

trained actors are frequently larger than life. The director who recruits his actors from colleges or universities should keep this in mind since most college acting courses concentrate solely on stage training.

Directors can improve "Harry Hambasey" by showing them lesser-known films of their work. It is difficult for a director to explain why a performance is overblown; consequently, it is helpful for the actor to see evidence of his overacting in order to tone down his performance. The next trick to mastering film acting is for the actor to appear as if he's not acting at all. While an actor on a stage may have to exaggerate an expression of anger in order to reach the last row of spectators, he can project the same emotion on film by merely tensing his mouth or eyes.

Step three, and the final step, is the shoot — the day on which the scenes are filmed. Amateur directors are notorious for allowing friends and relatives to observe the filming process on this crucial day. Nothing, and I repeat, nothing is more distracting to an actor (especially a novice) who must concentrate 100% on believing in a fictional situation than the presence of an unneeded audience.

The audience should see the finished product and nothing more. Allowing visitors on the set creates anxiety in actors who already have enough to worry about. Sets should be closed to all but cast and crew.

In addition, those unavoidable delays that inevitably occur during a shoot will require actors to wait for varying lengths of time between takes. Such delays are far worse if the director and his crew fail to plan the technical aspects of their production well in advance of the shoot. If delays between takes become ridiculously lengthy, actors become bored. As a result, perfor-

mances suffer.

One of the most difficult tasks faced by a director involves restraining his technical crew from giving advice to actors. Under no circumstances should anyone but the director tell an actor how to play a scene. Although actors rarely comment on the quality of lighting, sound, and photography, technicians—if given the opportunity—seem to thrive on informing actors that there was a more effective way of playing that crucial, emotional scene.

The reason for this is quite simple. The art of acting, unlike other art forms, doesn't allow the artist to overshadow the creative product. For instance, the painter's ability is expressed on a canvas, the writer sees evidence of his creative drive on the printed page, the photographer has his portfolio. The actor, on the other hand, is unable to place his creative stamp on things outside of himself. The actor's body and voice are the tools with which he creates a work of art, his characterization.

Since technicians, like actors and actresses, have bodies and voices, they mistakenly assume that they have what it takes to create an effective characterization. As a result, laymen who wouldn't dare counsel musicians or painters are all too ready to give unsolicited advice to actors.

By the same token, actors tend to be the most sensitive artists in the face of criticism, as their creative tools (and products) are themselves. It is difficult for the actor to separate his product (the characterization from himself) in his mind; the two are inextricably linked. If the director hopes to maintain a peaceful, creative climate, he should inform potential critics on his review practice silence, while establishing a bond of trust with performers, since he is the only one who will guide their characterization.

Keeping this in mind, the director has to realize that each actor must be guided differently. If he learns how to obtain maximum results from each of his performers, he won't have to deal with those giggles and unneeded laughs during his first screening, and his latest action thriller won't be unfairly classified a comedy. ■

Actor John Goodman in "Right" for the role of a scientist from *Four Rooms*



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CINEMAGIC 10



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Here are the 100+ original, ground-breaking issues of *CINEMAGIC* (CINEMA MAGIC) published between 1972 and 1979. Only the issues expanded the magazine, and *CINEMAGIC* has extremely low, although price reflected in these issues, is \$1.00 each or \$10.00 Mail-order. *CINEMAGIC* is the *best* in the business. Write now and take this as your only chance to own them in their original form. Return copies will never be reprinted!

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If you have a question about a technique, or a problem concerning filming, or need to know about a technical detail, then it's the place to contact Mr. Pitts. He is a 40 year veteran of special effects and film production, and he will answer your questions and help solve your problems. Just mail your question to Pitts in a plain envelope to: AMIAZ 1600 Capital, and we'll reply to the details on these pages. His personal replies are welcome.

I have a Super 8 camera with automatic exposure control, and no manual override. How can I shoot day-night scenes without being able to step down the lens?

—Greg Shaffer  
Washington, D.C.

It is necessary to use neutral density filters to cause the camera to compensate as much as it can, and having sufficient density to intentionally cause underexposure. The degree of underexposure will depend upon the speed of your lens, the type of film, the character and quality of the daylight, and the specific effect that you are striving for.

Obtain gelatin fibers, since they are far less expensive than glass ones. Gelatin fibers must be handled with great care to avoid dirt and fingerprints. They should be held by the edges only. You can put these fibers over the camera lens by making a suitable cardboard frame to accept the fibers. The frame can be made in such a way as to be raised off the lens.

It is absolutely necessary to make some tools to determine the exact effect that you want. In addition to the neutral density filters, you may also wish to add a blue filter such as a CC-10B if you like that type of effect.

A bright sunny day will allow for sharp shadows to be cast, revealing the most subtle of the fall colors.

Below is a table that will designate the amount of corporate reduction that various capital density filters will

NEUTRAL DENSITY (ND)	DECREASE IN STOPS
0.16	- 1/3
0.25	- 2/3
0.39	- 1
0.49	- 4/3
0.59	- 1 2/3
0.69	- 2

Several filters in combination can be used to decrease the exposure. However, for a four stop reduction, as an example, it is best to use two 0.60 filters in preference to four 0.20 filters, because every added filter tends to degrade the quality of the image. Also be aware that in adding the ND filters, the lens goes to wide open position, and therefore the depth of field will be substantially reduced. For this reason, focus carefully, and try to keep at long shots where the depth of field is inherently greater. ■

## Product Guide

Please [remove the word or section] you

A listing in this section is not necessarily a product endorsement by MASTERS, CINEMA, unless specifically stated. Always inquire at the source for more detailed information.

**PUPPETS AND PEOPLE** (Large Scale Animation in the Cinema) by S. S. Wilson, A. S. Barnes & Company, Inc. 120 pp., 6½ x 9½, hardbound, \$12.00.

This book is a valuable addition to any collection of special effects equipment's library. Under discussions are the details of replacement or replacement parts, dimensions, the necessary equipment and materials for preparation, construction, control of motion, and many other details that are very useful in those working on the more modern movies.

Compose work using static and branching markers to control story flow, and can compare the reader to key names of the methods that are described in detail.

The author has proposed terms, "heteromorph assimilation" or "group assimilation," to define the regular manner manifested by the brain rather than the "global" stage-motors.<sup>1</sup> These terms will be more fully used among many of their uses, and some elaboration is certainly need. Recognition of a global process based on "group assimilation" and its linkage frequently confused with other forms of single Stage work. The author's term "group assimilation" is to be restricted, because much stage-motor work does not involve puppets at all, but rather, these

Otherwise, the book is quite up to date, even having discussions about electron micros, and explores the medium with emphasis upon its use as an *adjunct* in the *management* of the eye.

There are a number of illustrations showing examples of the work of many familiar operators in the field, such as Harrystone, Darborth, Gifford, Fenton, Ratten, etc., but I mention a few, but the illustrations in the book are not as good as one would wish because of a combination of poor reproduction, and the fact that many pictures are little ages from the figures earlier than publications until that was done for the purpose. Despite this, the illustrations are interesting, and well worth studying, and do support the text very well.

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We are too late to enter a copy of last year's *MTV AWARDS* (Cannes). Please kindly accept our sincere apologies, updating credits for us in the entries model as per the *MTV AWARDS* and recompense them with a present of tickets at the designated location. *The Astro Group* and a Cannes Film Festival. *The Jovem Pan Showbiz Show*.

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What do *King Kong*, *Earthquake*, and *Star Wars* have in common? Not much? Wrong! Oh, of course the storylines are different and so are the settings, but each of these films and dozens of other features have benefited greatly from the unique skills of the matte painter. *Kong* boasted the talents of Mario Barmaga and Dyson Crabb to create the mysterious, surreal world of Skull Island; the bulk of the destruction scenes in *Earthquake* were beautifully rendered by the great Albert Whitlock, and of course, where would *Star Wars* have been without the magical brush of Harrison Ellenshaw?

But what exactly is a matte painter? For those of you unfamiliar with the term, a matte painting is a marvelous and very demanding technique by which an artist can paint various elements (islands, landscapes, etc.) and combine the artwork with live action footage to make it appear as one complete and realistic scene. Very often, the matte painting itself will become the entire background scene. And the technique is not confined to space operas, matte paintings are used extensively in all other types of films as well. Westerns, such as *McKinley's Gold*, often rely exclusively on matte paintings.

The question is, if you're not an Albert Whitlock, how can you create these pieces of scenery? What if you're not an artist at all? The answer is: There are several different ways to create realistic miniature scenery, and you don't have to be a Michelangelo to do them.

There are three methods for preparing scenery for your films and, as you'll see, each method has several variations. The methods are: (a) Cut and paste; (b) Trace and paint; (c) Projection. As you become more accomplished with these techniques, you will be able to apply them to live action, full-scale productions as well as animated, tabletop films.

#### Cut and Paste

Let's begin with cut and paste. The first job is to assemble the necessary materials — the most important are books or magazines that contain good photographs of landscapes and terrain. There are several

# CREATING REALISTIC TABLETOP SCENERY

## —when you're not an artist

excuses over NATIONAL GEOGRAPHIC, LIFE, FIELD & STREAM, and OUTDOOR LIFE, just to name a few. Now, don't start taking out subscriptions. You can usually find these and many other magazines at thrift stores (such as the Salvation Army ones) and at garage sales and flea markets at a fraction of their newsstand costs. Or, you may already have some of these magazines lying around in your basement or attic.

Next, get a good pair of scissors, an X-Acto or utility knife, some Elmer's or Bobo glue, a glue stick (such as PMS) or rubber cement, and some cardboard. This cardboard can be from a supermarket box, providing it's fairly smooth. You'll also want some clear plastic, which is safer to use than glass. There are several good types, but GE's "Lexan" is excellent. Lexan is available in sheets (18" x 21") 1/16" thick for around 75¢ each. However, check sizes and prices at your local plastic suppliers. You will also need a knife to cut the plastic, and the Plexiglas "Score-N-Snap" is ideal.

The first thing I'll discuss will be for use with tabletop miniatures and/or animatronics. Once you decide on the scene you want to create, it's a good idea to make a sketch of it (these cutouts are free to guide you). Look through your magazines and cut out pictures that pertain to your scene. I have found it best to use the scissoring for the bulk of the cutting and the X-Aceto knife for long, straight cuts using a metal ruler to back the blade.

Article & Photos by  
**TIM SUNLEY**

You don't have to cut out entire pictures. Perhaps you'll want to use just part of a picture, like a rock, a tree, or a mountain range. By using various portions of different pictures, you can assemble your scene like a puzzle. A few points to keep in mind: (1) Make sure that all the pictures you choose have subjects that are in from the same direction, are of a compatible color tone, and were taken under the same conditions (playlight, far distance, rain, etc.). Also, check to see that the size of your various picture elements are in a proper scale to one another. You wouldn't want a small bed of rocks to dwarf a towering redwood!

Gather all your cut-outs and begin by first assembling the background. The size of your scene will be determined somewhat by how large the pictures are. Since you're using magazine cut-outs, the size of your scenery may not be very large, but this shouldn't prohibit you from trying this technique. There are several ways to incorporate the scene into your film, as you'll see later.

With cut-outs gathered, start by cutting the sheet of cardboard to the appropriate size. Now, lay your cut-outs on the cardboard and move them around until you're satisfied with the composition. Be careful to use the smallest cut-outs in the background, since object size decreases with distance, and you must create a forced perspective. Apply the adhesive to the backs of the pictures and place them on the cardboard. The best adhesive to use here is rubber cement or a glue stick because they will not warp or wrinkle the cut-outs.

Now for the foreground. Take a sheet of the Lexan plastic and again arrange your remaining cut-outs. Be certain not to obscure any important details in the background. To adhere the pictures to the plastic, it may be necessary to first glue the cut-outs to a piece of thin cardboard (like the back of a stereo pad), then stick that on the plastic. If you will have difficulty, get a small tube of Elmer's 910 adhesive for plastics. The easiest way to adhere a picture to the plastic is to simply tape it, as I've done in my example (Photo 1). However, if the scene is to be exposed to hot movie lights for a long period, the permanence of the 910



Photo 2



Photo 3



Photo 4

adhesive may be required.

It's also possible to create free-standing scene pieces with the cut-and-paste method. Simply paste your picture to the cardboard, carefully cut out the outline of it, and attach some sort of "support" to the back of it, such as small wood blocks. I've done this with the foreground rocks in Photo #2, and the wood blocks actually cast a shadow (surprisingly that of a rock) when sunlit.

Although it is desirable to incorporate scenery in conjunction with an animated model, it is not essential. Such a scene could also be incorporated into your film as a

cutaway. For example, if the live action showed an explorer climbing to the top of the mountain, a cutaway shot of your cut-and-paste scene could be edited in to show what the explorer sees. In this way, your miniature scenery could be a lot smaller than would be necessary if used with an animated model.

Possibly one of the most exciting applications of the cut-and-paste method is to use it in conjunction with live action filming. In this case, pre-visualization planning is of the utmost importance. You must decide what the scene will look like and where the action will take place so as to not interfere with the camera. You'll also have to be careful to match the lighting in the live action and cut-out you use.

For the example (Photo #3), the automobile tire was photographed at close range. I used a Polaroid "Bottom" camera and cut the picture out immediately after it developed. I then taped the cut-out to a sheet of Lommex and had an amateur hold the plastic in front of the camera in the proper position. A nightlight added some distance in the background and the camera (a GAF LCM) was adjusted for maximum depth-of-field to keep both the tire and background actor in focus. It was done rather haphazardly, but it does illustrate the possible uses of this technique.

### Trace and Paint

**Reward:** This method does require a little brushwork, but don't worry — an art degree isn't necessary!

The most important piece of equipment you'll use here is a graphic projector. There are several types on the market, but a good (and inexpensive) one is the Project-A-Scope, which sells for \$12.00. It's a simple machine. The Project-A-Scope is placed on top of any printed material (photos, magazine, etc.) or even three-dimensional objects and through a system of mirrors and an illuminating bulb, projects an image of the object or person on a wall or any surface.

You'll also need some standard pencils, an art gum eraser, poster paints, watercolors, several brushes of different sizes, and white poster-board. All of these supplies are readily available at an art store.



Photo 2



Photo 3



Photo 4

As with the cut-and-paste method, you'll need reference materials in the form of magazines, picture books, or photographs. Begin by attaching a piece of poster-board, cut to the size of your scene, to a wall. Select the picture you want to use and place it on a chair (you'll be placing the Project-A-Scope on it and moving the chair back and forth to adjust the size of the image). Darken the room, turn on the projector, and focus the image on the poster-board. Can you guess what happens next? Right! You simply trace the elements of the scene you want. Simple enough, but there is one shortcoming to the Project-A-Scope: it only covers a small area, and you may have to reposition it several times to get the entire scene you want. That "section-

tracing" is not difficult.

As you can probably see, you can be very selective as to what goes into your scene. In fact, with this method, you can use several different pictures to create one composite background tracing, if you wish. The source material is unlimited — color photos, black and white, line drawings, and so on — since your end result will be a trace pencil tracing.

The most difficult part of completing your scene may be the actual painting (coloring) if you are not an artist, but don't let it scare you. Try to think in terms of painting by numbers. Each object has a base or main color plus a light side and a shadow side. Your most important consideration will be suggesting these light and shadow areas in your

scene, and you can refer to the actual pictures you used to see where to place them.

A simple procedure is to select your base color with white and paint the light side of the scene; then mix the base color with black and paint the shadow side of the scene (Photo #4 shows this basic coloring). If you don't feel comfortable with adding detail, it's okay to be a little "abstract." In this case, washes really come in handy. With these paints you can create very impressionistic backgrounds by dabbing and veiling the colors to merely suggest shapes and objects somewhere like the many jungles of Skull Island. To add depth to such a scene, try painting a foreground scene (with cut-and-paste) with poster paint, laid on thick and dark. In combination with the abstract watercolor background, the illusion can be interesting (see Photo 3 for an example).

I won't get too sophisticated here in regard to painting, or I'll defeat the whole purpose of this article. A little practice will produce surprisingly good results, and experimenting is a must! Try additional methods of coloring, as well as different types of paint and poster-board to see what kind of effects you can come up with.

### Projection

Much has been written about front and rear projection, but a lot of advice won't hurt. Besides, my approach has a slightly new twist.

Some previously used materials will also be used in this technique, as well as some new ones: some art

velum or high quality tracing paper, and there's the new (well) a Varemaster rear projector. You could also use the Project-A-Scoot or a slide projector, but I've gotten excellent results with the Varemaster projector — its image is bright and clear and the subject matter available is full of variety. You will also need some of the Lomaphane for the method.

In this case, I am going to discuss rear projection only, although this technique is possible with front projection, using a beam-splitter and Speculars. Rear projection, though, is less critical and less expensive in the long run.

With the projection method you'll have very little actual creating to do. Most of the work involves the proper placement of the various pieces of equipment. Begin, as usual, by selecting the background scene you want to use, and insert it into your projector. Next, Scotch tape a sheet of the velum or tracing paper to the Lomaphane. This will be your projected screen. Velum and tracing paper come in a variety of sizes, so get the largest possible size to accommodate your screen needs and to completely cover the Lomaphane. Use a support system of wood to brace your screen.

Set the projector behind the screen, focus it, and adjust the image to a size that suits your needs. On the opposite side of the screen (the camera side) set up your miniature set pieces — if, indeed, you require them. These could be cut-and-paste set-pieces (like the rocks described earlier) or physical objects. It's important that the scale of the foreground set-pieces matches your background image.

The two most critical aspects of this method are lighting and depth-of-field. Make absolutely certain that the light on your set comes from the same direction as the light in your projected image. It should also match in intensity. Finally, set your camera for maximum depth-of-field (usually in the "wide angle" position, if you cannot manually stop down your lens) and you are ready to begin filming. My example of this method (Photo #6) shows a Varemaster projection of a lion confined with foreground set-pieces (cut-and-paste rocks) and a model lion.

You might eventually want to invest in something called Lomacreen, which is made by IBM, instead of the velum or tracing paper. Lomacreen yields a much sharper and brighter image, however, if you're a beginner.

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velum and/or tracing paper are fine until you've mastered this method.

## In Closing...

Although my art background is amateur, I've created the accompanying scenes quickly and in an uncomplicated manner as possible. In fact, your own results will probably be a lot better. The point is to use these ideas for all they're worth. Combine them, add to them, come up with your own variations. The possibilities are as unlimited as your own imagination. ■

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# BLACK FRIDAY

by DON LEFFERT

Originally slated to play the role of an absent-minded college professor who unwittingly receives the news of his dying mother, Boris Karloff was pronounced unscrewing in his test footage as gang leader Red Carson for Universal's *Black Friday*. As a result, Stanley Ridges was cast in the dual role. Bela Lugosi, who was originally chosen to play the science responsible for the macabre brain transplant, was told to play a supporting role as one of Red Carson's gang members, while Karloff inherited the mother-and-doctor role.

Despite such conflicting garage goings on in the casting department, *Black Friday* emerged as one of the better offerings during the '40s. Universal launched the film with some offbeat publicity involving Lugosi's death scene. According to studio lore, Lugosi was hyperventilating prior to performing in a scene where he died by suffocation. Then Hammerstein death scene, complete with Karloff's performance as the scientist Dr. Bowes, added little respect to the true art of the film. Stanley Ridges.

Ridges managed to play the Jeckyll/Hyde role of Kingsley Carson with little makeup. As the meek and mousy Red Carson, Ridges appears thirty years younger than the aging, gaunt English professor, Kingsley, who suffers memory lapses when the evil Carson emerges from the dark side of his brain. The actor managed these transitions by allowing rhythmic rhythms (the manner in which the characters move), hair style, and vocal patterns. Ridges, one of the first actors to attempt to portray such radical transformations without burying himself under a mountain of make-up, managed to spring Karloff and Lugosi, while proving that inspired acting can create the illusion of change as effectively as the brush of a capable make-up artist. ■



Above: Stanley Ridges stands the show. From Karloff & Lugosi on *Black Friday*. Below, left: A high-angled shot of Lugosi and Karloff going at it over those gizmo gizmos. Lugosi's expression below: A medium shot of Karloff as Dr. Bowes, as he prepares to operate.



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See [here](#) for more information.

# Animating Physical Objects

Want to make a cereal box spin wildly?

Or a bottle dance around the table?  
Here's how!

Art, photos & text by **Ernest M. Pittman**

Of the various special effects in filmmaking, stop motion, or single frame photography, is the most considerable technique of all. It is also one of the most demanding. By definition, stop motion photography deals with the animation of solid objects as compared to the animation of flat artwork (2D animation). It must not be confused with time-lapse, which is the single frame technique of photographing self-animating objects such as plants growing, or the sun setting.

Success in stop motion is dependent upon planning everything in advance, down to the last detail, mapping the materials to be photographed in the most expedient way, and having dependable camera equipment to complete the process.

## A Motor Drive Is A Must

The heart of the system is a camera which can be equipped with a reliable single-frame motion drive. Such a motor is a motor in a 16-mm and 35-mm gauges. Most Super 8mm cameras are already equipped with electric motor drives capable of single frame action. Good stop motion work cannot be done with a spring drive because of the variations of exposure that would be apparent in the finished film. Any type of good animation motor will do, and the camera must be fixed on the camera's drive in such a way as to assure that it will always stop with

the shutter in the closed position. The camera should have a good parallax-free (or through-the-lens) means of viewing the precise area that is being photographed.

If the camera is to be mounted on a dolly or tracking system, every precaution should be taken to assure the operator that no unwanted movement will take place. The dolly should be jacked up so that it will not roll or move in any way. If a tripod is used, it should be a sturdy one, mounted on a sturdy triangle spreader, or bolted or clamped down securely. Some animators actually mount their tripod on a spider block, encasing the legs with cement, which guarantees a rock-steady performance. If the tripod head is not to be moved during the shot, it's wise to lock the head with a miniature jack, or brace it in place with C-clamps, for maximum stability.

In studios that specialize in stop motion work, it is common practice to mount the camera on a table bed which can be calibrated exactly to plot camera moves along predictable paths. Many special arrangements have been built to have a very accurately moving camera carriage on rails for long moves.

## The Spinning Box

Let us suppose that the first stop motion project requires us to

photograph a box of cereal which faces the camera and then turns itself around at a certain point to reveal its reverse side. The best way to accomplish this is to turn the box upside down and draw two diagonal lines from corner to corner on its bottom. At this corner point, puncture the box with a small straight pin, and drive the pin into the tabletop setting. After a couple of light blows with a hammer, the pin will have a tendency to bend. When this happens, if you are sure that the point has taken hold well, snap off the rest of the pin with wire cutters, leaving about 1/4-inch of the pin sticking out of the surface. Carefully set the box with the punctured hole onto the pin stub. Now there is a reliable pivot point, and the box can be turned very easily upon this fulcrum.

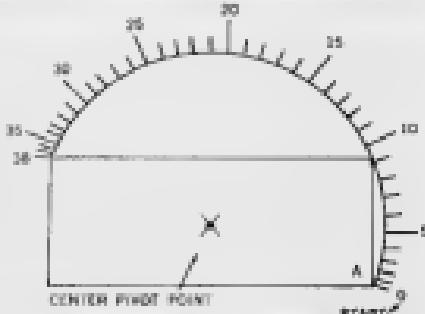
The box should be lighted carefully to make certain that there are no reflections at the start and finish of filming. Reflections in intermediate positions are nothing to worry about, because in live action these transitory reflections are quite natural.

The box should now be placed in the start position. When the camera is securely fixed up, a light pencil mark should be made at the rear of the box, on the tabletop surface, at the corner of the box that will be moving away from the camera on the turn. The box should be moved about 1/16 of an inch, and a very light dot made on the surface of the table at the same corner. The next move should be about 1/8 of an inch, and another dot made, and then another dot at 1/16 of an inch. From here on a dot should be made every 1/4-inch, until the box is 1/8 of an inch away from its start position. When this dot is made, the next one should be 3/16 of an inch away, the next 1/8 inch, the last dot 1/16 of an inch. Figure 1 shows the calibration once it is completed.

With this calibration, the turning of the box will give a nice, smooth turn, with a smooth start and stop. The action to let the box make such a half-turn from front to back as calibrated will result in approximately 32 frame exposures. Obviously, longer rotations will produce the effect of a faster rate, and smaller increments will give the effect of slowing down the action.

Figure 1.

Revolving represents a top view of a curved box which is to be animated. The calibration is for a 50mm lens. In practice, the center of the box is determined by drawing diagonal lines from opposite corners on the bottom. The center is where the two lines intersect. A straight pin driven into the surface upon which the box is to be used and of course on this point. Using camera "A" as a calibration point, very faint marks can be drawn along the straight pin that would be obscured by the center of the box. Note that for the best action, marks from position 0 to 1 gradually increase in spacing. From there until about position number 20 or 30, the marks are evenly spaced and after that they become closer together. The effect is to show the movement of the box as it is projected. The final position, on the other hand, the marks should be drawn very faintly as the camera won't throw up. If you want to make film frames, just make three calibrations.



This technique can be applied to almost any object. It can be used when a turntable is not available and a smooth turning of a prop is required. The light pencil marks when placed behind the box will not be visible, and if extremely tiny marks are made with a camera magnifying glass, they will not be detected, either.

In timing such actions, it is necessary to shoot a number of frames before the action starts, and again after it has been completed. If, for example, reading time is required on the front side of the curved box for some essential information, about 150 frames (a total over 4 seconds running time) should be shot before the animation begins. Then the turn of the box is animated. After completing the animation, an added number of frames should be shot to allow time for the repositioning on the rear of the box to be read.

A variation of this shot can be made with a zoom lens on the camera; when the turn of the box is completed, zoom in three by three. Again, the zoom will be successful only if careful calibrations have been made. The zoom's wide-angle "out" and telephoto "in" positions must be determined beforehand. When these extremes are noted, apply marked tapes to these points on the lens barrel to indicate the two positions (as long as the zoom lens is such that reasonable calibrations can be drawn upon the rap). If the zoom is a slow one, and long, it would not be practical to attempt to mark

calibrations around the lens barrel, since the marks would be too fine and close together to allow accurate zoom measurement.

The alternative is to secure an extending lever to the zoom lens handle, so that a large arc can be swept over the calibrated cardboard placed beneath the end of the lens extending handle. You should secure a piece of cardboard flat in such a way as to allow the extending lever to come in contact with it so that more accurate calibrations can be drawn upon the cardboard. The extremes on the zoom lever can then be carefully and accurately placed from mark to mark. To make this more accurate, cut the end of the extension lever to form a finely pointed arrow (see Figure 2). If this is done carefully, and everything is secured very well with tape, animated zooms of 40 frames or more can be made with accuracy and comfort. As with the curved box calibrations, the marks for the extremes can should be graduated for "slow in" and "slow out" action of the lens.

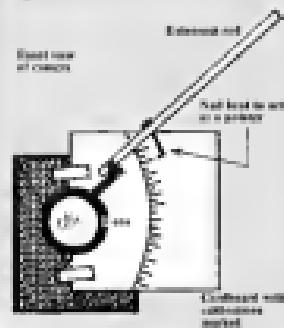
If you have a tracking set-up or a lathe bed, the lens, whether prime or zoom, can also be prepared by marked tapes to allow for complete frame by frame focus changes. Properly prepared calibration tapes made by setting on a "dry run" will allow for the addition of as many marks as necessary to keep focus all the way through a scene.

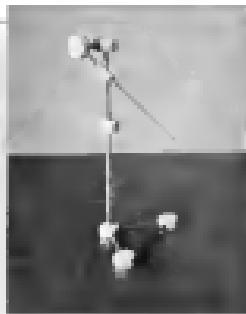
Once the lens is calibrated for speed and focus, while shooting frame by frame, the lens is moved one increment to the next, changing each position of the zoom control

accurately. If a position is overrun, return the zoom control to your starting position and come back to the mark you missed so that you take up any possible backlash in the lens. If the calibration tape has been carefully made, and the extension lever has a good-sized scale to follow, and the moves are made accurately, the finished animation will show a very smooth and well-animated zoom.

If you choose to combine animated camera movements—such as a zoom with a tilt or pan—it's wise to prepare a frame by frame exposure sheet for such moves, with a column for each phase of the action. Then, when the zoom lens is moved, it can be checked on the exposure sheet; when the pan move is made, it can be checked off, and so on. By keeping track of each move, it avoids your forgetting what exposures and moves have been made.

Figure 2.





it, for example, you are interrupted by a phonecall.

### Making A Bottle Dance

Moves in animation need not be restricted to sliding actions. Objects can be made to move about in many off-balanced positions—swinging, flying through the air, and doing almost anything that you can think of. Let's consider the problem of animating a soda bottle in a rhythmic dance. The soundtrack should be recorded first, and then each musical beat and cue point is marked on a frame by frame exposure sheet. The "hits"—the points at which the beat is sharply defined—are noted. These are the points at which the animation reaches an extreme so that the action will "hit" on the beat.

The bottle can be progressively animated into a tilting position by using tiny wooden wedges reinforced with Flexowax (plastic called Dermawax or American's wax) or double-coated tape. The wedges must be placed so that the bottle itself conceals them from the camera's view. At times, pins driven into the set surface can be strategically placed to keep the bottle tilted at the desired angle. For positions demanding that the bottle fly through the air, support rods made of wood dowels or steel rods (available at large hardware stores) can support the bottle from the rear of the set. Again, the support rod must be positioned in a way that the bottle conceals it from the camera. Regardless of the method of supporting the bottle, each move must be controlled by careful calibration. To attempt to "wing" the position changes without calibration would result in errors or

### unseen animation

In any such object animation, a surface gauge is one of the best means of representation. A surface gauge, which is an adjustable pointer mounted on a base (and made for machinists), can be used so that the pointed end is moved to indicate a specific spot of an object that is being animated. In this way, the gauge gives a point of reference that can be held as a comparison for the cameraman to see where the object (or model) was in the last frame, and where it will be in setting up for the next frame. Once a satisfactory move has been made, the surface gauge is removed from the set and the next frame is exposed. The gauge is then placed in the next position and the object moved again.

Although professional metal surface gauges are expensive, you can construct one out of Tinkertoy parts, and it will serve the purpose well. A wooden Tinkertoy dowel can be tilted down to a satisfactory point on one end, and the entire gauge can be assembled in a few minutes (see photo).

### Flying Objects

One problem in stop motion of physical objects is having them appear to "fly" through the air. Naturally, this requires fighting gravity, and the three solutions are: suspending objects on thin wires, support by concealed rods (as discussed earlier), shooting on glass.

The third solution is probably the best for physical objects. For light-weight objects, like ping-pong balls, a sheet of glass can be mounted upright. With your normal live action background behind the glass, you can animate the ping-pong ball across the glass—giving the illusion

far left: A simple way to make an off-camera surface gauge is with Tinkertoy parts or standard dowels, with provide enough points for several gauges, so that different points of an object can be gauged simultaneously. Left: Professional machinist's gauge. The one on the left has three pointers so it can be used for marking the following surface from the one on the right that is not yet in the frame. Center: pointed end of wire on the left is turned pointed and struck check in the rear of the position. This is to prevent rattling yourself when the gauge is not being used.

that it has "flown" across a room. This is accomplished by adhering a steel washer to the ping-pong ball. Then, a small, but powerful, Alnico magnet can be placed on the opposite side of the glass and will pull the steel washer strongly enough to hold the ball in any position. Larger objects, such as a cigarette pack, can be mounted to small rubber suction cups and applied to the glass. In a pinch, Dermawax or double-sided tape can be used, but both of these tend to lose their grip under the heat of movie lights, and both may leave marks on the glass after such move.

For heavier objects, an alternative method is to work with a sheet of glass in a flat position, supported by wood turnbuckles. This is more trouble to set up, since you must rig the camera to shoot straight down (vertically), and you must arrange any background beneath the glass, lying on its back, so that in the final film everything appears normal. But objects mounted on glass this way eliminate the worry about gravity at all. The ping-pong ball, for example, could be cradled in a cardboard ring or rubber washer to prevent it from rolling around. A three-dimensional (but small) model of a spaceship could be smoothly animated across a large sheet of glass, with an appropriate "traveling" background placed beneath it.

The usual precautions to prevent reflections on the glass must be observed here: use a black shadowbox or card to mask the front of the camera so that reflections off the shiny surface won't show onto the glass. Position lights at an angle to the glass to avoid reflections (and mask the lights so that they are off-camera).

## Proper Timing — An Important Aspect

As with all animation, the most important task of the game in stop motion is that of proper timing. In any stop motion work you must consider the nature and the speed of the action, and the length and reasons for pauses. If we consider one prop going through four different parts of action, it is absolutely mandatory for pauses to be worked into the scene.

Let's imagine a scene in which a box moves into camera range from offstage to center screen. The box turns completely around, the lid opens to disclose its contents, and the box then disappears, leaving the contents to disperse themselves in a geometric pattern. If these actions followed one another without any pause, the result would be frenetic and confusing. The scene should be planned to have eight or more frames of background alone before the box makes its appearance. Then you animate the box entering camera range. When the box arrives in center screen, an accent "hold" of about twelve frames should be shot with no animation at all. Then the action of the turn may take place, ending with another "hold" of, say, 24 frames. Next, the opening box lid is animated to a "hold" position of possibly 64 frames, to enable the viewer to see what's in the box. The box can then disappear or dissolve away. In matching position, the contents should be arranged and "held" for about 32 additional frames after the dissolve or disappearance is over. Then the contents may be animated to their dispersing position for somewhere between 32 and 64 frames, or even more if the action demands it. After the action is completed, a 128-frame "hold" will be in order, and the sequence is completed.

With these "holds" as accents, the entire effect is improved, and the labor has been simplified by adding much needed footage.

In summing up, remember that physical objects can be animated to do whatever you want. As long as you accurately control the action, by stops, calibrations, surface guides, and the other devices I've mentioned, you will get results that are totally smooth, professional, and realistic. ■



The Professional Stop Motion Camera

The 35mm Bell & Howell 2709 camera with Type I shuttle for extremely accurate registration as required for complicated stop motion and multiple exposure work. The apparatus at the rear of the camera is the stop motion drive which will allow the camera to make an exposure of one frame at a time, forward or backward. This drive is fitted with a Veedar counter which counts each frame as exposed. The frame counter can also run forward or backward regardless of the direction of the camera, to simplify exposure sheet calculations. The counter (note you (near the hand crank) measures feet and frames. The large gear seen above this is attached to the expanded shutter scale for making single frame dissolves of various lengths.

Below right, is the control box for the stop motion drive, allowing for forward or reverse operation of the camera; single frame, or continuous, off, and on, with a push button for making the exposure and an auxiliary cable which leads to a foot pedal for making exposures. The camera is mounted on a precision gear head which can be calibrated for single frame pan and tilt moves. The large handwheel at the lower left is used to move the camera frame by frame along the ways of a heavy duty in-the-bed, for approach shots. The main bar at the front of the camera allows for filtration, holdback mattes, before-the-lens distortion effects (such as multi-faceted prism) and, of course, to ensure that no stray light strikes the taking lens directly.

# FIEND

BLOOD & GUTS VIOLENCE... OR GOOD STORY & CHARACTER DEVELOPMENT... WHICH WOULD YOU CHOOSE?

Writer/Director Don Dohler chose the latter, and now the distribution odds are against him. *FIEND* transcends the current crop of "honor" films and nicely deserves to be seen by all serious fans of the genre.

Article by BILL GEORGE

Photos by RICHARD GERWITZ & DON DOHLER  
Special Photo enlargements by TIM SURLEY

A prologue for the conception of the "modern" horror film is generous doses of sex and blood & guts, or a combination of these two from Forger plotters—literally—because only a semblance of story actually exists in many of today's fright films. If box office receipts are a barometer of popularity, several films are in, while genre films, such as Peter Weir's *Power of the Dog* and *The Last Wave*, devoid of brutality to women and violent inferences, are restricted to brief engagements at art houses.

Fifteen years ago, Hirschell Lewis, who pioneered the blood & guts field with *Blood Feast*, 1963 Massacre, and others, was labeled a perverse and animal filmmaker, more prone to work in a morgue than a movie set. Today, he is considered a man who was ahead of his time. 1980 introduced a resurgence of horror film spasm, the majority of which regressed to Lewis' basic depiction of graphic violence. Each subsequent film (*Friday the 13th*, *Mother's Day My Bloody Valentine*, ad nauseum) has documented a preoccupation for body counts, with an emphasis on slashed throats and squirting blood.

A horror movie with a PG rating these days is considered to have the plague by "in-the-know" distributors since, it has been determined, the audience want "more blood." Suppose, however, somebody challenges this baneful thinking? Suppose somebody would contest the trade rumor that PG horror movies are commercially impotent?

Last fall, Gary Satch (an AMAZING CINEMA Staff Writer and Editor of MIDNIGHT MARQUEE) informed me that he viewed a private screening of Don Dohler's latest horror film, *Fiend*. Gary's reactions to it were mixed: "Great film, but not enough blood & guts." This ambivalent opinion aroused my curiosity enough to leap at the chance to see a subsequent screening of *Fiend* at Dohler's house, (along with a 50-person audience, which, unlike a private screening, helped keep my viewpoint strictly objective).

True, *Fiend* is tame compared to the slugs of blood & guts programmers that have flooded the market recently. But *Fiend*, made for less than \$60,000, is a deceptively complex film that resonantly develops its characters by avoiding mindless, plotless violence and splatter

and gore. The sentiments and emotions of the movie are rooted in the (apparent) simplicity of the 40's (complete with a post-credit prologue which gives "historical" revelations of the mythical title creature).

The story begins, appropriately enough, with a moody title sequence in a graveyard at night. Soon afterwards, a supernatural entity (the Fiend) enters the grave of a long-buried corpse and brings back life to the cadaver. Assuming the "human" identity of Eric Longfellow (played by Don Lister), the resurrected corpse parasitically drains the life of mortal victims, transferring their life giving energies into his own body (depicted as a red glow, an optical effect achieved through rotoscoping done by David W. Bernick). A steady diet of energy transference results partly in Longfellow, who degenerates as a regular human (a sort of "Dorian Gray" in real life).

The clever Longfellow spares a movie academy, and moves into a middle class, suburban neighborhood, gaining an air of respectability.

Right: Portrait of Don Lister as the "Fiend," as rendered by his costumer, Cheryl Young



ty. He hires Dennis Frye (played by George Steven) to perform mundane tasks: keep the books, run the academy, etc. Frye is a dedicated and loyal servant to Longfellow, who obviously has more malicious purposes in mind than tutoring would be Beethoven's.

As the plot unfolds, we are introduced to Gary and Marsha Kender (portrayed by Richard Nelson and Elaine White), next door neighbors of Longfellow's who are typical suburbanites. However, Gary starts becoming very suspicious of the man next door, and a series of local strangulations and equally bizarre events add fuel to Kender's fire. When an 11-year-old girl is strangled right behind Kender's house (while he is out), he confronts Longfellow, who has created an alibi with Dennis Frye's help, and vehemently dishes up ambiguous answers to Kender's probing questions. But deep down, Kender is quietly convinced that something is all wrong with Longfellow, and he continues piecing together the mystery.

Through a series of events, Kender actually reads about the one and only "known" account of a Freud (and the traits and characteristics all fit Longfellow to the letter) Laser, against his wife's wishes. Kender tracks down the graveyard where a "corpse" had vanished a year earlier and through information gained by the cemetery's caretaker Romeo Barnes (Del Williams), Kender finally has the proof that will link Longfellow to the murders, and prove—incidentally—that he is not the "man" people think he is.

While Kender races back to his home community, a neighborhood teenager, Scotty (played by Dobler's 13-year-old son, Greg), gets curious when he spies Longfellow departing his home and moving秘密ly through the woods. Scotty follows, and is witness to Longfellow strangling his own assistant—Dennis Frye (who has begun to weaken under the pressure of the cops and Kender's probing). Scotty runs off, terrified, and in reluctance to tell anyone what he has seen. Fortunately, the neighborhood children are aware that Kender is on the look-out for an informer, and Scotty finally goes to him.

It is at this point that the film's



ABOVE: DON LEDER strikes a menacing pose in the newly-revamped *Psycho* subtlety through a graveyard.

elements build rapidly toward a climax, aided tremendously by some tense cross-cutting sequences that leave the viewer literally on the edge of the chair. The major characters all come into play—Longfellow, Gary and Marsha Kender, and Scotty—and the ending hits with several shocks and exciting, fast-paced action. Unfortunately, with a TV deal pending, I cannot reveal what happens in the final 10 minutes of *Fried*. If I did, I would give away the plot, since it would ruin the film for those of you who will someday get to see it.

But what of the concept? What of the lack of graphic violence? Allow me to clarify a few things: first of all, *Fried* may lack the blood & gore, but it's *fatal* in concept, and several effective death scenes have created cries of outrage from many viewers. This is particularly evident in the scene in which Longfellow slowly and quietly kills the little girl (played perfectly by Dobler's daughter Kim). She is murdered in broad daylight right in the neighborhood, without a trace of a witness.

Actor Don Leder, who plays Longfellow, comments, "It's as much a film about middle class mentality and the values that exist in suburbia as it is about a homicidal maniac on the loose." While the film avoids any violence other than entertainment, its ambiguities are worth noting. Similar to George Romero's

movies about the decline of the American patriarchy and corruption of the family unit, *Fried* subtlety alludes to this metaphor with an opening shot of a miniature American flag, decaying on the plot of a forgotten grave. The suburban allegiance to consumption (personified by scenes of a sleek shopping center, Kender drinking Pabst beer, and other media hyped pastimes) not only amplifies a dependence on suburban conformity, but also provides the here (Kender) with some sinister insights of Eric Longfellow. Though Longfellow is definitely in control, his neighbors are immune to his abrasive behavior and customs because he absorbs the middle class norms—getting the mail, washing the car, maintaining a respectful protocol, etc. The Freud has so perfectly adopted himself to urban ideology that he discounts superstition with a sound comment (to Kender): "That sort of thing is for children...and women."

A departure from typical entertainment conventions, however, motivates the suspense of Kender/Longfellow's killer, littered with personal artifacts that are anything but typical, or formulaic, but not limited to the cinematic tradition. When Kender inquires as to why "there's no parenting or maturation," Longfellow calmly shrugs it off as being "Above us. Finished as I require." This arouses Kender's fears, cause a

does not qualify as typically domesticated quarters.

Kender is later outraged when the little girl (Kim Delker) is killed, as he remarks to Marsha, "I can't believe that a little girl can be murdered in a suburban neighborhood..." but his distress seems less elicited by compassion than by a violation of his provincial conservatism. *Fried* star Leibert notes, "If the Kender character were any more obnoxious, the audience would be rooting for Longfellow."

Limited funds forced Don Delker to establish a precedent for talent, withdrawing expensive optical effects (although Daren Rabinovitch's red "glow" and animated spirit effects are refreshing, and not over-dozed) and substituting enough careful plot and character subfuscations to distract audiences from the budgetary shortcomings. But movies that previously risked banishing the characters, at the expense of reducing the visual appeal (including the 1986 version of *Feast of the Body Snatchers* and George Romero's *Martyrs*), have jeopardized their prospects at the box office.

Delker enjoyed a rapport with his actors that is apparent in the on-camera relationships. According to Diane White, who plays Marsha Kender, "Don is great to work with. He's very easy-going and helped us identify with our characters." Delker wrote the role of Marsha Kender as an aggressive housewife, an amiable though independent spouse who participates in civic affairs—including heading up a local boy scout troop (though the Kenders have no children). The portentous abdication the "screamer" stereotype of women within so most current horror films. Elsner's only previous experience was high school and college theater. "I didn't know what to expect as far as mechanics were concerned," she candidly explained, "because we shot out of sequence. Unlike the theatre, film has no holding point; there's no time to really get into character for one take. Don also helped me drop 'stage' mannerisms that are necessary for stage acting."

Top, left to right: Longfellow with a young woman (Kim Delker) and later studies her photograph as part of his murder ritual. Next row, left to right: Marsha Kender (Diane White) tries to ward off disturbing forces from her husband, Gary (Michael Naltchayan); Fred (George Leibert) is manifested by Longfellow. Next, left to right: Longfellow threatens a motherless woman (Anna Deavere) with a knife; Jamey Horne (Teri Wilson) is the troubled teenage grandmother. Bottom: Don Delker explains a scene note to his son, Greg, who has a key role in *Fried*.



Below, top to bottom: Longfellow rescues a marlin. Gary Kremen, Dan Dukker's mineral expert and his chosen odd job to distract her another victim. Richard Gerevo shoots the scene where the underhanded crew takes away the body of a little girl. The eyes and faces that are real, as are the characters. Who are all Director Dukker's animal neighbors. Tom Cruise is reflected as a horribly degenerated Longfellow changes the life from him.



Top: Dan Dukker adjourns from his office while cameraman Richard Gerevo completes the shot. Middle: Gerevo takes up a low-angle shot of Tom Underhelling. Far Left: Mr. Buttons (George Sweeney, as Dennis Poyer) is brutally shaved against a tree by his boss, Longfellow.

Don Loeffert concedes that Dohler's interpretation of the Kender's marital status in "Very Isolatable"—Kender takes at matron of us, his wife—"Loeffert is a stranger to me. He has now starred in two Dohler films, and is slated to costar in the next. His role in *Fool* is a far cry from Ben Zachary, the mysterious hero of Dohler's first feature, *The Aries Factor*.

"I based Longfellow on Hugo," the villain from Shakespeare's *Othello*, a character that Samual Coleridge called a "motiveless malignancy," says Loeffert. "Longfellow is just such a character. He's one-dimensional because he is the total essence of evil. Since Longfellow was originally turned for a long time, and has no turned as an animated corpus, I tried to give the impression that he was moving 20 years in a world that moves at 78 rpm. I have incredibly fast speech rhythms, so I had to make a conscious effort to slow them down."

While previous audiences have been impressed with Loeffert's performance, he is critical of some scenes. "I shudder during the scenes where I take photographs of my victims—I think I went over the top in those instances, but the addition of mood music saved my ass." Loeffert's acting credits are continuing, including training in London. He recently directed a very successful production of *David and Goliath*, as well. He also suggested several story concepts and improvements for *Fool* that Dohler approved.

George Stover, publisher of CINEMA/MASTERS Magazine, and another stock player in Dohler films, provided the comic portrayal of Dennis Frye, Longfellow's unsetting stooge and a definitive vamp. "When Don wrote the screenplay, I knew he intended Frye to be the comedy relief, at least to an extent," explains Stover. "However, I'm positive that he didn't intend for my character to be as ludicrous as some of the so-called comedy reliefs of the horror films of the '30s. Don wanted Frye to be a weak character to offset the intense evil of Longfellow." Stover has had extra parts in Hollywood films such as *The Devil Dusted Rose*, *The Titanic* and a just completed role in next year's *Dance*, as well as feature roles in the last 3 John Waters films. He also had a substantial role in Dohler's *Aries*

*Factor*, playing Steven Price, a doctor.

"I felt more secure with the character of Dennis Frye than I did with the Steven Price role," reveals George. "The Frye character was more closely defined in my own mind, which resulted in a better performance. I even chose Frye's war drive and the glasses that hung on the end of his nose over my idea. Steven's estimation of the Frye character is validated by the previous audience who are easily amused whenever Frye is being subordinated by an angry Longfellow, or being given the ol' run by a child being dragged into a music lesson by a hateful parent.

Offhanded over the production was Dohler, himself, who wrote the screenplay, edited the film and all its music and soundtracks, and directed in the comic scene, which was performed by newcomer Paul Wozniak—a talent worth watching. In short, Dohler was at times a "one-man-show" during the filming and post-production of *Fool*. His first professional production, the aforementioned *Aries Factor*, was sold to Gold Key Entertainment for TV syndication and has already been marketed to over 65 U.S. stations and numerous foreign territories.

Don's second feature, *Nightheat*, was postponed through existing footage. The reason is quite remarkable because of a major disagreement between Dohler's crew and the director, who finally walked off the production. Don relates: "The guy I chose to direct *Nightheat* just lost control, and the crew got upset with wasted time and resulting bad footage. It's a lesson learned—from herein, I'll direct my own films."

With *Nightheat* on the back-burner, *Fool* was the next choice, made with a small crew and a tight budget, confirming Don's theory that "It doesn't take 50 people and millions of dollars to make a good independent film." He adds that most of the action in *Fool* wasn't paid anything, but participated for the fun of it, or for the experience.

Creativity and ingenuity were far more vital than bucks in *Fool*. Everything was shot within a one-mile radius of Dohler's house (which was actually the *Fool*'s house in the film—except the graveyard scenes).

This simplistic approach was planned: "I created a story that conformed to my normal-life surroundings, which allowed me to take advantage of the neighborhood, local shopping centers, and the woods down the street," says Dohler.

Elaine White concurs, suggesting that, "Low budget movies can be superior to big budget turkeys like *The Man With Three Wives*."

On the technical side of *Fool*, Dohler's main force consisted of Richard Gergits, Director of Photography and Lighting; David W. Rausch, who supplied the optical, narration, and title effects; and Mark Saperstein who created much of the make up (although Don Loeffert did his own make up in some scenes).

Gergits offers some background on the filming: "The nightmare scene in the graveyard was shot on an overcast day using high-speed film, without the daylight conversion filter. This rendered a bluish look to the film. Other than that, we opted to create moody lighting in interiors by careful accent and crosslighting arrangements. It worked well and the lighting is very consistent throughout the film."

The erratic physical transformations of Eric Longfellow, regressing to a degenerate state until "re-emerged" into youth pre-adolescent status by make-up man Mark Saperstein that required anywhere

One of the more involved make-ups on *Don Loeffert*



from five hours of application for "very advanced stages of decay" to only a minute for brief cutaway shots.

"I was buried under latex and greasepaint for most of the film," recalls Leffert. Much of the discom fort came from having his normally curly brown hair sprayed black along with his eyebrows and mustache. Leffert wanted the hair black to render a more sinister look, and Supersky suggested that a wig would look phony. The alternative, according to Dobler, was to spray Leffert's hair with Neutol's Strikol N Tape, a hair frosting that comes in several shades. The procedure was to slick Leffert's hair back with Dippie-Doo, spray the coloring, and comb it through evenly. Dobler estimates that Leffert went through three procedures approximately 20 times during the filming.

To give Leffert a death-like quality, Supersky applied an underlayer of cold cream, topped with a pale skin tone greasepaint, and a smudge of shadowing under the eyes. In scenes where Longfellow is deteriorating, a thin coating of latex was applied over the skin, followed by a covering of tissue. This whole arrangement was then "stretched" while wet and then allowed back into normal position, which created a wrinkled, decaying look to the skin. For the sagging eyes, Supersky applied latex under the eyes, then pull the lower eyelid down and "glued" them to the latex—a goggling effect.

It's interesting to note that one actress, Anna Durbar, played a scene in which she is strangled with a chain by Longfellow. Later that same evening, actor Leffert (out of make-up) saw Miss Durbar at a nightclub and approached her to say "Hi." She thought he was a stranger "on the make" and was astounded when she realized that the handsome, bohemian Leffert was the same person who had earlier portrayed a dark, slaveseized who killed her at the scene. That is certainly a testament to the make-up transformation of Leffert.

*Evil* was shot with TV in mind, but Dobler has been encouraged by French to market the film theatrically. He feels, though, that it would be necessary to add gore and at least one nudity scene to "cover" all

### B-rated obligation

"The majority of B-movie weird endings" stresses Dobler. "Unless you have big names and a mega-bucks budget, you've got to have a hook, which is usually the blood and guts stuff. I saw *Friday the 13th* right after I helped *Evil*. *Friday* was a set-up for nuclear shocks—during a rainstorm, a gulf plays Monopoly for three hours and then, all of a sudden, decides that she must go close the window in her cabin, which is just a contrivance for her death scene set-up. But don't get me wrong—I admire Sean S. Cunningham's *Friday* a Director, and I'm sure that he'd be the first to admit that his film was a vehicle for shock. And though it has gone (done by Tom Savini), that gore isn't sustained on screen for more than a few seconds at a time. I call it "visually based" blood & gore, which is what I would do with *Evil* if the graphic elements were to be added."

Fried's adherence to story and more sophisticated characters make it a powerful candidate for TV syndication, since it's the perfect sort of film in which a late-night watcher could curl up on the sofa and become entranced. But if a theatrical deal, requiring more extreme blood & gore, were offered, would Dan Dobler oblige?

"Would I? Well, *Friday the 13th* was made for about \$300 thousand and it's grossed—what?—\$6 million?" Sure, if I was asked to add similar violence to *Evil*, I'd do it—as long as it could be "visually timed." ■

**POSTSCRIPT** While editing this article, I was invited to a press conference with Robert Altman. The director was frustrated by 20th Century Fox's refusal to distribute *Death*, a cynical satire that was subsequently considered "uncommercial."

"Every one of us is an artist," Altman proclaimed. "We get that capital 'A' on it and make it pretentious." Altman obviously never directed a horror film. If he would have shot some post-production footage of exploding guts of perverted eyes (and changed the title from *Death* to *Blood Fiend II*), Altman could have raised the crest of the most prosperous film of his career.

—Bill George



Anna Durbar, who was one of Dobler's key personnel on *Evil*. Anna not only played a vital part, but was an absolute pleasure and became something of a friend to Dobler's company and production crew. She died in 1986. In her office, a memento Anna also placed a large photo of Adam Antoinette, and is one of Dobler's biggest supporters.

# FIEND

## CAST

Eric Langford	Ben Cotten
Erica Ritter	Robert Wilson
Markie Andros	Karen Black
Barry Pez	George C. Scott
Betty	Greg Morris

Jimmy Stewart	Edie Baskin
Mike West	Robert Young
Ken	Ken Olin
Debbie's mother	Barbara Mandrell
Debbie	Teri Giddens
Steve	Lydie Allauch
Edie's son	Steve Frazee
Jim	Alvin Stardust
Edie	Patricia Quinn
Barbie's mother	June Hetherton
Barbie	Debra Winger

## CREDITS

Screenplay by	Bob Gale
Costume design	Robert Duvall
Music	Paul Williams
Make-up effects	Mark Rosenblatt
Visual effects	David M. Salsbury
Associate Producer	Ann Reinking
Technical Advisor	Ted Bikel
Sound editor	George Stevens
Post	Sam Wanamaker
	Music Director: Jim Fox
	Quality Control: Bruce

100 minutes \$10



A

B

C

D

ABOVE: Actual frame enlargements made by Eric Sandberg from the same prints prior to the "ghost" cells created by David W. Renshaw. A. An aged Kingfisher patient had

an irregular, irregular, irregular lesion in the center of his body. It was removed by a scalpel. B. The removed skin specimen, and the white bandage used in the surgery is reflected. C. While the surgery

proceeded, the body grew older, revealing a period of complete, peaceful, sound sleep.

1000 frames were used to observe the various phases of the development of the

the "ghost" cells and within a recording period of

one hour the cells had

appeared on the left in the original photograph where

the original skin had been

removed. In the left

the ghost cells were

located with the few colors

that differed to get

the computer to recognize





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  - a. 6-10 years old
  - b. 11-14 years old
  - c. 15-17 years old
  - d. 18-25 years old
  - e. over 35 years old
2. If you are in school, what grade level?
3. If you work, what is your job or profession?
4. Name the equipment you own:
  - a. Super-8 cameras
  - b. Super-8 Projector (type?)
  - c. Super-8 editor
  - d. 16mm cameras
  - e. Home projector (type?)
  - f. Tape recorder (type?)
  - g. VHS Video recorder
  - h. Beta Video recorder
  - i. Synthesizer (type?)
  - j. Other \_\_\_\_\_
5. Name two pieces of equipment you do not own, but plan on buying in the future.
6. What was your favorite article in this issue of AMAZING CINEMA?
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11. What are your 5 favorite science fiction films of all time?
12. What are your 5 favorite horror or fantasy films of all time?
13. How often do you go to the movies during the fall and winter?
14. How often do you go to the movies during the spring and summer?
15. When are your 3 favorite film/special effects magazines (in order of preference)?
16. Besides yourself, how many other people (friends, relatives, brothers, sisters, etc.) read your copies of AMAZING CINEMA?
17. How long have you been:
  - a. Making your own films?
  - b. A fan of fantasic-type films?
18. Would you like to make "Hammering your career"? If yes, to what exactly (director, special effects, etc.)?
19. What type of article would you like to see in future issues of AMAZING CINEMA (be specific)?
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  - a. Like to know about new products available
  - b. Does it ruin a certain amount of advertising?
  - c. Don't like heavy amounts of advertising

### ✓ Joe Dante: The Howling

An interview with the young director on his hit film and its innovative make-up effects. Includes many exciting scenes from the film. By John Davoll

### ✓ Bert I. Gordon

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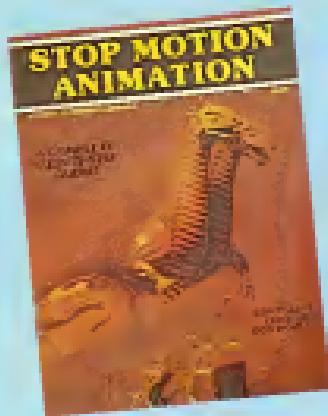
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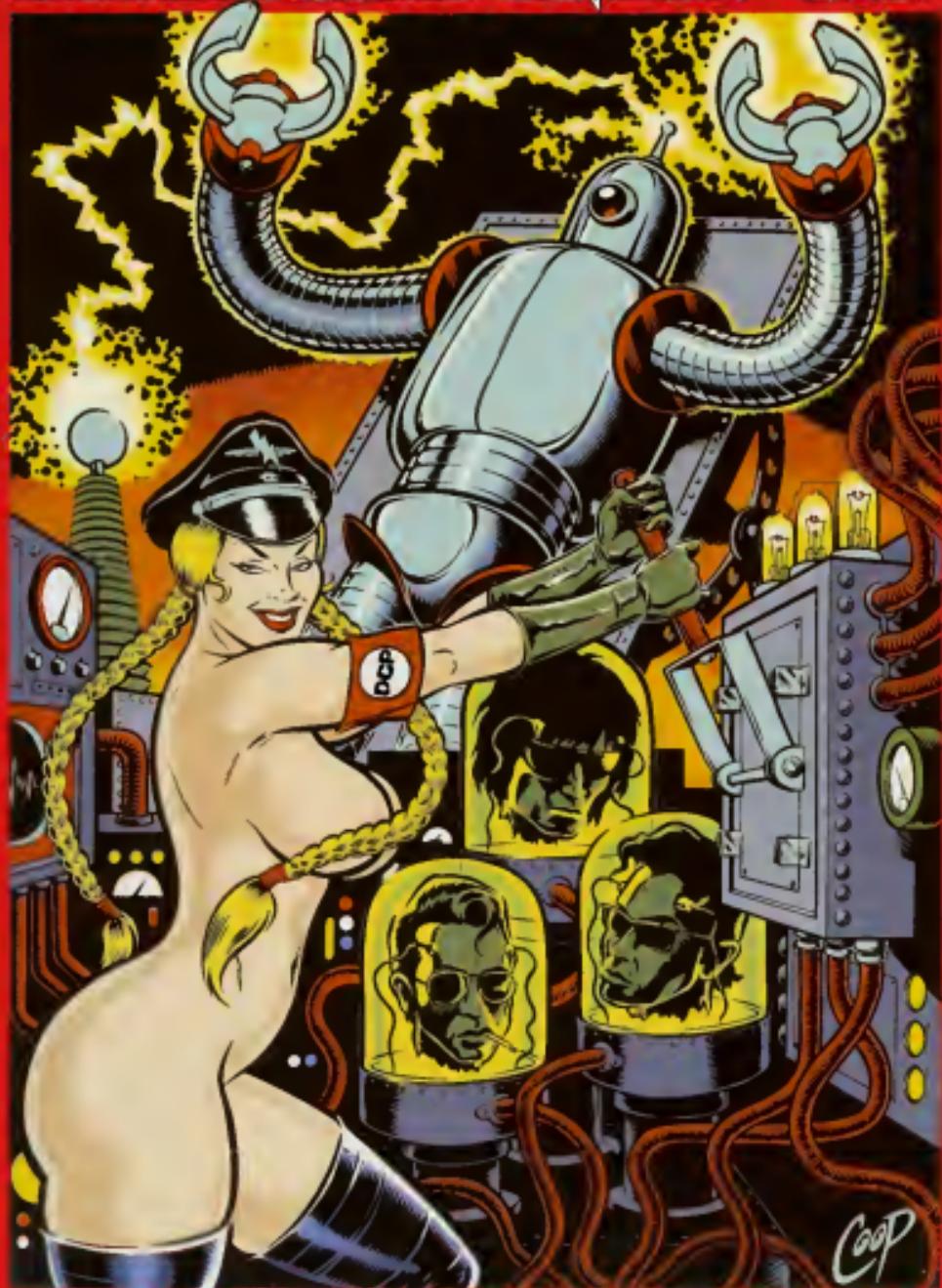
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